

AMENDMENTS TO THE SPECIFICATION

Please amend paragraph [0005] as follows:

[0005] Under an exemplary embodiment, a novel power supply apparatus includes a plurality of power source circuits, an oscillator circuit and a controller. The plurality of power source circuits use a common direct current power source. The oscillator circuit generates a common plurality of oscillator signals signal. The controller performs a time sharing control, based on the plurality of oscillator signals signal received to enable the plurality of power source circuits to receive power from the common direct current power source in different timings and to output respective voltages. The respective voltages may be different from each other.

Please amend paragraph [0006] as follows:

[0006] The above-mentioned power supply apparatus may further include a selection circuit under an alternate embodiment, wherein the selection circuit selects at least two power source circuits out of a plurality of power source circuits. Under this configuration, the controller may perform time sharing control to enable the selected power source circuits to receive power from the common direct current power source based on the plurality of oscillator signals signal.

Please amend paragraph [0007] as follows:

[0007] The plurality of power source circuits may include a voltage-step-up circuit, a voltage-step-down circuit, and a multiplicative voltage-step-up circuit under another embodiment of the invention. The selection circuit may select one of the

combinations of voltage-step-up and voltage-step-down circuits and the voltage-step-down and multiplicative voltage-step-up circuits. The controller may perform time sharing control based on ~~[[a]] an plurality of oscillator signals~~ signal to enable one of the combinations of voltage-step-up and voltage-step-down circuits, and the voltage-step-down and multiplicative voltage-step-up circuits selected by the selection circuit to receive power from the common direct current power source. The voltage step-down circuit may receive power from the common direct current power source with a substantially identical timing when either one of the combinations is selected.

Please amend paragraph [0008] as follows:

[0008] Further, under another embodiment, a novel power supply method is disclosed that includes the steps of providing a power source, generating oscillator signals, and performing a time sharing control function. The providing step provides a plurality of power source circuits with a common direct current power source. The generating step generates a ~~plurality of common~~ common oscillator ~~signals~~ signal, and the performing step performs a time sharing control based on the ~~plurality of oscillator signals~~ signal to enable the plurality of power source circuits to receive power from the common direct current power source in different timings and to output respective voltages. The respective voltages may be different from each other.

Please amend paragraph [0009] as follows:

[0009] The above-mentioned power supply method may further include the steps of selecting at least two power source circuits out of the plurality of power source circuits. Under this power supply configuration, a controlling step may perform the

time sharing control based on the ~~plurality of oscillator signals~~ signal to enable the selected at least two power source circuits to receive power from the common direct current power source in different timings, and to output respective voltages.